UTILITY PATENT APPLICATION TRANSMITTA
(Large Entity)

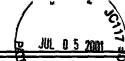
Docket No. 4042.025

Total Pages in this Submission

(Only for new nonprovisional applications under 37 CFR 1.53(b))

#### TO THE ASSISTANT COMMISSIONER FOR PATENTS

| -  |                                  |       |            |       |                |        |                   | Patent Application hington, D.C. 20231 | <u> </u>                          |   |
|--|----------------------------------|-------|------------|-------|----------------|--------|-------------------|--|-----------------------------------|---|
| Trans invent   | mitte                            | d he  | rewith fo  | or f  | iling under 3  | 5 U.S  | S.C. 111(a        | a) and 37 C.F.R. 1.5                   | 53(b) is a new utility patent a   | pplication for an   |
|  | wel I                            |       |            |       |                | - 1    |                   |  |                                   | 5.55<br>5.55<br>5.58<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.0 |
| and in   | vente                            | ed by | <b>'</b> : |       |                |        |                   |  |                                   | 10/0  |
| Da   | vid Z                            | ahne  | r          |       |                |        |                   |  |                                   | b E   |
|  |                                  |       |            | API   | PLICATION,     | chec   | ck approp         | riate box and suppl                    | ly the requisite information:     |   |
| Which  |                                  |       | tion [     |       | Divisional     |        | Continu           | uation-in-part (CIP                    | of prior application No.:         | 09/738,555  |
| XI (   | Conti                            | inua  | tion (     |       | Divisional     |        | Continu           | uation-in-part (CIP                    | of prior application No.:         | see spec. page 1  |
|  | Conti                            | inua  | tion [     |       | Divisional     |        | Continu           | uation-in-part (CIP                    | ) of prior application No.:       |   |
| Enclo  | sod d                            | oro:  |            |       |                |        |                   |  |                                   |   |
|  | seu a                            | are.  |            |       |                |        | Арр               | lication Elements                      |                                   |   |
| The state of the s |                                  | Filir | ng fee a   | ıs c  | alculated and  | d trar | nsmitted a        | as described below                     |                                   |   |
| 2.   | ×                                | Spe   | ecificatio | on h  | naving         |        | 29                | pages and                              | including the following:          |   |
| a. ☑ Descriptive Title of the Invention  |                                  |       |            |       |                |        |                   | c c                                    |                                   |   |
|  | b.                               | X     |            |       |                |        |                   | ations <i>(if applicable</i>           | <b>.</b> )                        |   |
|  | C.                               |       |            |       |                |        |                   |  | evelopment <i>(if applicable)</i> |   |
|  | d.                               |       |            |       |                |        |                   |  |                                   |   |
|  | e. 🗵 Background of the Invention |       |            |       |                |        |                   |  |                                   |   |
|  | f.                               | X     | Brief S    | Sun   | nmary of the   | Inver  | ntion             |  |                                   |   |
|  | g.                               | X     | Brief [    | Des   | cription of th | e Dra  | awings <i>(if</i> | drawings filed)                        |                                   |   |
|  | h.                               | X     |            |       | Description    |        |                   | - ,                                    |                                   |   |
|  | i.                               | X     | Claim      | (s)   | as Classified  | Belo   | w                 |  |                                   |   |
|  | j.                               | X     | Abstra     | act o | of the Disclos | sure   |                   |  |                                   |   |



# UTILITY PATENT APPLICATION TRANSMITTAE (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 4042.025

Total Pages in this Submission

|     | Application Elements (Continued) |  |  |  |  |  |  |  |  |  |  |  |
|-----|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| 3.  | X                                | Drawing(s) (when necessary as prescribed by 35 USC 113)  |  |  |  |  |  |  |  |  |  |  |
|     | a.                               | ☐ Formal Number of Sheets  |  |  |  |  |  |  |  |  |  |  |
|     | b.                               | ☑ Informal Number of Sheets 8  |  |  |  |  |  |  |  |  |  |  |
| 4.  | ×                                | Oath or Declaration  |  |  |  |  |  |  |  |  |  |  |
|     | a.                               | ☐ Newly executed (original or copy) ☐ Unexecuted   |  |  |  |  |  |  |  |  |  |  |
|     | b.                               | Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)  |  |  |  |  |  |  |  |  |  |  |
|     | C.                               | ☑ With Power of Attorney ☐ Without Power of Attorney   |  |  |  |  |  |  |  |  |  |  |
|     | d.                               | DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).   |  |  |  |  |  |  |  |  |  |  |
| 5.  | X                                | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |  |  |  |  |  |  |  |  |  |  |
| 16. |                                  | Computer Program in Microfiche (Appendix)  |  |  |  |  |  |  |  |  |  |  |
|     |                                  | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)   |  |  |  |  |  |  |  |  |  |  |
|     | a.                               | ☐ Paper Copy   |  |  |  |  |  |  |  |  |  |  |
|     | b.                               | Computer Readable Copy (identical to computer copy)  |  |  |  |  |  |  |  |  |  |  |
|     | C.                               | ☐ Statement Verifying Identical Paper and Computer Readable Copy   |  |  |  |  |  |  |  |  |  |  |
|     |                                  | Accompanying Application Parts   |  |  |  |  |  |  |  |  |  |  |
| 8.  |                                  | Assignment Papers (cover sheet & document(s))  |  |  |  |  |  |  |  |  |  |  |
| 9.  |                                  | 37 CFR 3.73(B) Statement (when there is an assignee)   |  |  |  |  |  |  |  |  |  |  |
| 10. |                                  | English Translation Document (if applicable)   |  |  |  |  |  |  |  |  |  |  |
| 11. |                                  | Information Disclosure Statement/PTO-1449   Copies of IDS Citations  |  |  |  |  |  |  |  |  |  |  |
| 12. |                                  | Preliminary Amendment  |  |  |  |  |  |  |  |  |  |  |
| 13. | X                                | Acknowledgment postcard  |  |  |  |  |  |  |  |  |  |  |
| 14. |                                  | Certificate of Mailing .   |  |  |  |  |  |  |  |  |  |  |
|     |                                  | ☐ First Class ☑ Express Mail (Specify Label No.): EL 742679000 US  |  |  |  |  |  |  |  |  |  |  |

## UTILITY PATENT APPLICATION TRANSMITTA (Large Entity) 異 地

Docket No. 4042.025

(Only for new nonprovisional applications under 37 CFR 1

Total Pages in this Submission

Accompanying Application Parts (Continued)

- 16. Additional Enclosures (please identify below):

Request for Express Abandonment of the Parent Application (Serial No. 09/738,555 filed 12/15/00) Processing and Retention Fee for the Parent Application

Copy of Notice of Missing Parts in the Parent Application

Fee for Extension of time to respond to the Notice of Missing Parts in the Parent Application

## Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

#### Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

ML 0 5 2001

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 4042.025

Total Pages in this Submission

#### Fee Calculation and Transmittal

| For Total Claims   | #Filed       | #Allowed  |                  |           |   |          |
|--|--------------|---|------------------|-----------|---|----------|
| Mal Claime   |              | #Allowed  | #Extra           |           | Rate  | Fee      |
|  | 24           | -20 =   | 4                | x         | \$18.00   | \$72.00  |
| idep. Claims   | 3            | - 3 =   | 0                | x         | \$80.00   | \$0.00   |
| ultiple Dependent C  | laims (check | if applicable)                                  |                  |           |   | \$0.00   |
| And the state of t   |              |   |                  |           | BASIC FEE   | \$710.00 |
| OTHER FEE (specify   | purpose)     |   |                  |           |   | \$0.00   |
| Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Ga<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Ga<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Ga<br>Garage<br>Garage<br>Garage<br>Ga<br>Garage<br>Garage<br>Garage<br>Garage<br>Garage<br>Ga<br>Ga<br>Garage<br>Ga<br>Ga<br>Garage<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga<br>Ga |              |   |                  |           | TOTAL FILING FEE  | \$782.00 |
| ☐ Credit any☐ Charge ar☐ Charge th   |              | t.<br>ling fees required<br>at in 37 C.F.R. 1.1 | 8 at the mailing | ng of the | Notice of Allowance,  Signature Cohen (Reg. No. 39,947) |          |